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AUTOMATIC COUNTERS 1969

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MONTANA

AUTOMATIC COUNTERS 1969

Prepared by the

MONTANA STATE HIGHWAY COMMISSION

PLANNING SURVEY SECTION

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS

LOCATION OF
PERMANENT COUNTERS

MONTANA

FEDERAL AID INTERSTATE,
FEDERAL AID PRIMARY,
FEDERAL AID SECONDARY
AND FOREST HIGHWAY ROUTES

PREPARED BY THE
MONTANA STATE HIGHWAY COMMISSION
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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

SEPTEMBER 1968

INTRODUCTIONS.

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1969. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 41 automatic traffic counters were in operation during 1969, or will be returned to operation as soon as construction is complete at the location.

At each recorder the highest, the 10th, the 20th, the 30th, the 40th and the 50th highest hours that occurred during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous eight years and 1941 as to stability and accuracy.

The 41 counters are distributed to the Highway System as follows:

10 on Interstate Rural	4 on Secondary System
18 on Primary Rural	2 on Arterial City Streets
3 on Primary Urban	4 on Interstate Frontage Roads

30th MAXIMUM HOUR

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways." It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1 YEAR 1969

LOCATION 1-90 10.0 Miles east of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.2 % Foreign Pass Cars 39.9 % Pickups 12.1 % Commercial 10.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,561	1,572	1,456	1,348	1,516	1,834	1,597	1,556	1,548	100.52	48.41
February	2,026	1,767	1,788	1,830	1,858	2,295	1,836	1,914	1,907	100.37	59.54
March	2,672	2,091	2,048	2,135	2,205	2,574	2,339	2,302	2,205	104.40	71.61
April	3,114	2,459	2,329	2,431	2,489	2,987	2,633	2,618	2,525	103.68	81.44
May	3,503	2,671	2,665	2,819	3,099	3,542	3,171	3,087	2,992	103.18	96.03
June	4,986	4,345	4,177	4,269	4,373	5,000	5,193	4,623	4,429	104.38	143.81
July	5,307	5,109	4,911	4,976	5,119	5,462	5,130	5,131	5,101	100.59	159.62
August	5,120	5,130	5,028	5,002	5,005	5,506	5,370	5,182	5,152	100.58	161.20
September	4,239	3,758	3,614	3,731	3,795	4,210	3,992	3,891	3,809	102.15	121.04
October	3,372	2,790	2,770	2,872	3,064	3,663	3,266	3,122	3,054	102.23	97.12
November	3,254	2,443	2,867	2,823	2,582	3,000	2,925	2,859	2,743	104.23	88.94
December	2,210	2,239	2,347	2,361	2,092	2,534	2,231	2,290	2,315	98.92	71.24
Daily average for year	3,447	3,031	3,273	3,050	3,100	3,551	3,307	3,215	3,148	102.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-1

ROUTE I-90 & U.S. 12 East of Missoula

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2,238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	264	11.7
1962	2,651	406	15.3	390	10.7	383	14.4	375	14.1	370	14.0	368	13.9
1963	2,514	398	15.8	340	13.5	331	13.2	324	12.9	321	12.8	317	12.6
1964	2,388	398	16.7	354	14.8	348	14.6	344	14.4	340	14.2	336	14.1
1965	2,495	376	15.1	358	14.3	349	14.0	344	13.8	339	13.6	336	13.5
1966	2,722	410	15.1	380	14.0	364	13.4	359	13.2	355	13.0	352	12.9
1967	2,868	435	15.2	401	14.0	390	13.6	380	13.2	373	13.0	370	12.9
1968	3,002	469	15.6	424	14.1	412	13.7	405	13.5	402	13.4	394	13.1
1969	3,215	510	15.9	462	14.4	448	14.0	436	13.6	427	13.3	422	13.1
1970													
Average	2,534	408	16.1	362	14.3	350	13.8	344	13.6				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2 YEAR 1969

LOCATION U.S. 12 & Mont. 287 0.5 Miles east of East Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 55.1 % Foreign Pass Cars 21.8 % Pickups 13.3 % Commercial 9.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,303	1,136	1,084	1,078	1,228	1,524	1,487	1,266	1,221	103.69	53.93
February	1,735	1,380	1,285	1,263	1,274	1,670	1,541	1,450	1,374	105.53	61.77
March	2,330	1,474	1,413	1,448	1,557	1,892	1,990	1,749	1,553	112.62	74.50
April	3,002	1,898	1,702	1,791	1,843	2,294	2,312	2,095	1,891	110.79	89.24
May	3,830	2,086	1,975	2,117	2,353	2,921	2,957	2,619	2,322	112.79	111.57
June	4,134	2,873	2,669	2,808	2,786	3,259	3,515	3,173	2,879	110.21	135.17
July	4,366	3,243	3,052	3,170	3,388	3,881	3,655	3,504	3,328	105.29	149.27
August	4,597	3,184	2,948	3,150	3,246	3,746	3,902	3,580	3,261	109.78	152.50
September	3,473	2,310	2,137	2,290	2,363	2,816	2,903	2,587	2,368	109.25	110.20
October	2,642	1,992	1,874	1,938	2,054	2,494	2,296	2,182	2,082	104.80	92.95
November	2,855	1,857	2,105	1,993	1,811	2,269	2,411	2,216	2,007	110.41	94.40
December	1,925	1,699	1,641	1,656	1,588	1,970	1,826	1,749	1,705	102.58	74.50
Daily average for year	3,016	2,094	1,990	2,059	2,124	2,561	2,566	2,348	2,166	108.40	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-2

ROUTE U.S. 12 & Montana 287
East of East Helena

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1962	1,958	363	18.5	334	17.1	320	16.3	310	15.8	303	15.5	298	15.2
1963	1,873	331	17.7	287	15.3	279	14.9	270	14.4	260	13.9	254	13.2
1964	2,032	403	19.8	359	17.7	341	16.8	330	16.2	326	16.0	323	15.9
1965	2,117	482	22.8	399	18.8	383	18.1	372	17.6	357	16.9	346	16.3
1966	2,133	463	21.7	416	19.5	383	18.0	371	17.4	356	16.7	347	16.3
1967	2,050	457	22.3	352	17.2	336	16.4	330	16.1	323	15.8	317	15.5
1968	2,150	402	18.7	359	16.7	345	16.0	336	15.6	327	15.2	322	15.0
1969	2,348	466	19.8	384	16.4	368	15.7	357	15.2	348	14.8	340	14.5
1970													
Average	2,053	405	19.7	350	17.0	334	16.3	325	15.8	316	15.4	309	15.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-3 YEAR 1969

LOCATION U.S. 2 and 87 1.3 Miles West of Havre

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 54.9 % Foreign Pass Cars 13.4 % Pickups 22.0 % Commercial 9.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,268	1,567	1,291	1,352	1,734	1,914	1,704	1,520	1,532	99.22	47.20
February	1,778	1,942	1,915	2,053	2,168	2,286	2,067	2,035	2,080	97.84	63.19
March	2,431	2,604	2,289	2,550	2,486	2,757	2,700	2,548	2,539	100.35	79.12
April	3,236	3,131	2,987	3,090	3,268	3,558	3,244	3,197	3,182	100.47	99.27
May	3,329	3,340	3,495	3,621	3,850	3,924	3,746	3,637	3,668	99.15	112.93
June	3,885	4,092	4,051	4,023	4,017	4,274	4,037	4,050	4,091	99.00	125.76
July	3,901	4,344	4,474	4,574	4,618	4,441	4,024	4,360	4,499	96.91	135.38
August	4,346	4,411	4,101	4,158	4,173	4,553	4,277	4,298	4,292	100.14	133.45
September	3,323	3,541	3,445	3,502	3,528	3,899	3,904	3,585	3,575	100.28	111.32
October	2,829	3,104	3,152	3,237	3,331	3,623	3,351	3,255	3,313	98.25	101.07
November	2,913	3,138	3,144	3,264	3,042	3,491	3,345	3,187	3,216	99.10	98.96
December	2,497	2,885	3,026	3,006	2,872	3,366	3,166	2,974	3,023	98.38	92.35
Daily average for year	2,978	3,175	3,114	3,203	3,257	3,507	3,297	3,221	3,251	99.08	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-3

ROUTE U.S. 2 Eastof Havre

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	863	167	19.4	134	15.5	124	14.3	118	13.7				
1961	2,248	340	15.1	255	11.3	238	10.6	230	10.2	227	10.1	224	10.0
1962	2,326	266	11.4	259	11.1	249	10.7	243	10.4	241	10.4	239	10.3
1963	2,408	410	17.0	268	11.1	254	10.5	248	10.3	244	10.1	240	10.0
1964	2,466	410	16.6	287	11.6	276	11.2	270	10.9	263	10.7	258	10.5
1965	2,586	363	14.0	293	11.3	281	10.9	275	10.6	272	10.5	269	10.4
1966	2,711	364	13.4	311	11.5	300	11.1	294	10.8	287	10.6	283	10.4
1967	2,661	350	13.2	314	11.8	299	11.2	292	11.0	288	10.8	282	10.6
1968	2,924	359	12.3	323	11.0	312	10.7	306	10.5	304	10.4	301	10.3
1969	3,221	400	12.4	376	11.7	361	11.2	351	10.9	346	10.7	342	10.6
1970													
Average	2,441	343	14.1	282	11.6	269	11.0	263	10.8				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-4 YEAR 1969

LOCATION U.S. 10 and 18 1.5 Miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars____% Foreign Pass Cars____% Pickups____% Commercial____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	616	611	665	601	637	708	602	635	645	98.45	60.18
February	832	784	802	750	792	852	801	802	796	100.75	76.01
March	887	839	856	839	833	920	886	866	856	101.17	82.08
April	1,251	1,113	1,051	1,011	1,065	1,135	1,065	1,094	1,071	102.15	103.69
May	1,316	1,042	1,017	1,041	1,062	1,165	1,191	1,132	1,085	104.33	107.29
June	1,397	1,303	1,241	1,275	1,298	1,410	1,328	1,326	1,309	101.30	125.68
July	1,360	1,363	1,476	1,400	1,398	1,439	1,367	1,403	1,461	96.03	132.98
August	1,287	1,361	1,434	1,384	1,416	1,486	1,350	1,387	1,419	97.74	131.46
September	1,095	1,087	1,145	1,097	1,101	1,212	1,168	1,128	1,127	100.09	106.91
October	981	973	1,103	1,029	1,064	1,117	1,011	1,042	1,059	98.39	98.76
November	956	967	1,141	1,041	947	1,058	961	1,007	1,031	97.67	95.44
December	686	832	896	830	846	918	855	839	863	97.22	79.52
Daily average for year	1,055	1,023	1,069	1,025	1,038	1,118	1,049	1,055	1,060	99.53	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-4

ROUTE U.S. 10 & 12 West of Miles City

TRAFFIC TYPE Primary Approach

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,520	232	15.3	207	13.6	191	12.6	187	12.3				
1961	1,771	328	18.5	215	12.1	201	11.3	193	10.9	190	10.7	187	10.6
1962	1,814	236	13.0	222	12.2	219	12.1	213	11.7	210	11.6	206	11.4
1963	1,320	194	14.7	159	12.0	148	11.2	143	10.8	140	10.6	139	10.5
1964	1,195	194	16.2	162	13.6	149	12.5	145	12.1	143	12.0	140	11.7
1965	1,137	248	21.8	142	12.5	131	11.5	125	11.0	123	10.8	120	10.6
1966	1,108	143	12.9	128	11.6	125	11.3	122	11.0	120	10.8	119	10.7
1967	1,099	151	13.7	130	11.8	124	11.3	121	11.0	119	10.8	117	10.6
1968	1,094	147	13.4	128	11.7	124	11.3	120	11.0	118	10.8	116	10.6
1969	1,055	143	13.6	129	12.2	124	11.8	119	11.3	114	10.8	113	10.7
1970													
Average	1,311	202	15.4	162	12.4	154	11.7	149	11.4				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5 YEAR 1969

LOCATION Mont. 7 1.0 Miles South of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.8 % Foreign Pass Cars 7.4 % Pickups 26.2 % Commercial 21.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	382	473	558	446	534	577	454	492	518	94.98	68.93
February	591	520	561	567	555	638	533	566	568	99.65	79.30
March	583	556	607	527	638	628	601	590	589	100.17	82.66
April	669	704	654	668	659	740	642	675	683	98.83	94.57
May	776	765	850	807	792	797	738	788	801	98.38	110.40
June	808	679	887	797	797	792	951	805	776	103.74	112.79
July	811	750	797	793	800	780	708	779	786	99.11	109.14
August	1,159	861	795	880	928	1,051	1,110	979	905	108.18	137.16
September	786	779	789	809	797	823	773	793	798	99.37	111.10
October	745	700	735	731	757	795	718	742	746	99.46	103.96
November	730	734	746	714	670	783	735	730	729	100.14	102.28
December	589	623	649	614	626	680	601	626	637	98.27	87.71
Daily average for year	719	679	719	696	713	757	714	714	711	100.42	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-5

ROUTE Montana 7-South of Wibaux

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1962	582	118	20.2	77	13.2	68	11.7	66	11.3	65	11.2	63	11.0
1963	595	182	30.5	95	16.0	81	13.6	75	12.6	72	12.1	69	11.6
1964	604	182	30.1	120	19.9	93	15.4	85	14.1	79	13.1	75	12.4
1965	623	247	39.6	98	15.7	84	13.5	79	12.7	75	12.0	73	11.7
1966	647	127	19.6	84	13.0	77	11.9	73	11.3	70	10.8	68	10.5
1967	649	238	36.7	123	19.0	113	17.4	99	15.3	93	14.3	88	13.6
1968	667	133	19.9	99	14.8	85	12.7	81	12.1	77	11.5	74	11.1
1969	714	285	39.9	149	20.9	121	16.9	103	14.4	95	13.3	89	12.5
1970													
Average	584	166	28.4	96	16.4	82	14.0	76	13.0				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6 YEAR 1969

LOCATION FAS 288 0.5 Miles South of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.4 % Foreign Pass Cars 0.3 % Pickups 27.5 % Commercial 21.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	194	283	308	281	356	388	375	311	320	97.19	82.73
February	222	318	318	332	327	376	301	313	334	93.71	83.26
March	279	363	349	361	353	337	314	335	353	94.90	89.12
April	306	387	404	434	443	412	429	403	416	96.88	107.20
May	319	450	417	421	442	459	428	422	439	96.13	112.26
June	327	431	420	419	428	396	400	401	419	95.70	106.67
July	291	439	437	419	411	377	376	396	417	94.96	105.34
August	318	439	445	484	483	443	420	429	458	93.67	114.12
September	293	415	398	412	433	417	427	400	414	96.62	106.41
October	284	360	337	376	425	396	372	367	381	96.33	97.63
November	288	386	420	430	380	372	396	379	398	95.23	100.82
December	250	362	383	376	369	381	352	355	374	94.92	94.44
Daily average for year	281	386	386	395	404	396	383	376	394	95.43	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-6

ROUTE FAS 288 - So. of Manhattan

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1962	351	131	37.3	61	17.4	55	15.7	52	14.8	50	14.2	49	14.0
1963	369	133	36.0	79	21.4	71	19.2	65	17.6	62	16.8	59	16.0
1964	351	83	23.6	74	21.1	68	19.4	64	18.2	61	17.4	60	17.1
1965	375	168	44.8	61	16.3	56	14.9	53	14.1	51	13.6	50	13.3
1966	410	108	26.3	64	15.6	59	14.4	56	13.7	54	13.2	52	12.7
1967 *	412	94	22.8	58	14.1	56	13.6	53	12.9	52	12.6	50	12.1
1968 *	387	95	24.5	61	15.8	53	13.7	50	12.9	48	12.4	47	12.1
1969	376	72	19.1	56	14.9	52	13.8	51	13.6	49	13.0	48	12.8
1970													
Average	361	113	31.3	62	17.2	57	15.8	53	14.7				

* A.D.T. For 9 months - Last three months counter was out.

** A.D.T. For 9 months - First three months counter was out.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7 YEAR 1969

LOCATION U.S. 91 2.0 Miles North of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 56.3 % Foreign Pass Cars 16.7 % Pickups 12.3 % Commercial 14.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	692	648	623	555	725	869	725	692	687	100.73	52.96
February	1,122	868	769	779	813	1,089	983	925	874	105.84	70.79
March	1,420	888	884	913	982	1,141	1,185	1,069	958	111.59	81.82
April	1,671	965	984	965	1,022	1,352	1,284	1,156	1,039	111.26	88.47
May	1,851	1,068	1,012	1,040	1,210	1,511	1,394	1,305	1,186	110.03	99.88
June	2,190	1,445	1,361	1,387	1,437	1,703	1,828	1,634	1,465	111.54	125.06
July	2,306	1,735	1,565	1,583	1,708	1,882	1,809	1,781	1,685	105.70	136.31
August	2,182	1,688	1,592	1,622	1,580	2,029	1,997	1,838	1,718	106.98	140.67
September	1,993	1,525	1,286	1,321	1,352	1,684	1,692	1,545	1,437	107.52	118.25
October	1,482	1,154	1,111	1,167	1,275	1,603	1,312	1,305	1,273	102.51	99.88
November	1,614	1,120	1,236	1,314	1,088	1,472	1,386	1,331	1,246	106.82	101.87
December	1,093	1,051	1,029	1,033	1,006	1,322	1,195	1,098	1,081	101.57	84.04
Daily average for year	1,635	1,180	1,121	1,140	1,183	1,471	1,399	1,307	1,221	107.04	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-7

ROUTE I-15 North of Wolf Creek

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1,096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1962			Under	Construction									
1963	1,107	199	17.9	173	15.7	165	14.9	160	14.5	154	13.9	150	13.5
1964	1,121	203	18.1	184	16.4	174	15.5	168	15.0	166	14.8	165	14.7
1965	1,188	209	17.6	184	15.5	172	14.5	165	13.9	160	13.5	155	13.0
1966	1,274	251	19.7	199	15.6	183	14.4	178	14.0	174	13.7	171	13.4
1967	1,173	218	18.6	187	15.9	175	14.9	168	14.3	164	14.0	159	13.6
1968	1,177	231	19.6	194	16.5	183	15.5	178	15.1	173	14.7	169	14.4
1969	1,307	325	24.9	222	17.0	211	16.1	203	15.5	195	14.9	191	14.6
1970													
Average	1,109	216	19.5	179	16.1	168	15.1	162	14.6				

* A.D.T. For 10 months - Counter being moved to new location

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8 YEAR 1969

LOCATION U.S. 93 0.5 Miles South of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 58.7 % Foreign Pass Cars 12.2 % Pickups 16.8 % Commercial 12.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,063	1,135	1,058	1,047	1,289	1,427	1,283	1,192	1,199	99.42	49.42
February	1,686	1,441	1,444	1,440	1,665	1,909	1,702	1,612	1,580	102.03	66.84
March	2,345	1,765	1,668	1,785	1,952	2,151	2,264	2,006	1,864	107.62	83.17
April	2,758	2,058	1,891	1,915	2,055	2,405	2,437	2,196	2,050	107.12	91.05
May	3,279	2,094	2,019	2,130	2,409	2,708	2,809	2,507	2,298	109.09	103.94
June	3,667	2,788	2,608	2,686	2,824	3,172	3,084	2,992	2,814	106.33	124.05
July	4,583	3,495	3,178	3,288	3,612	4,077	3,864	3,692	3,507	105.28	153.07
August	4,196	3,524	3,262	3,318	3,359	3,803	3,781	3,637	3,470	104.81	150.79
September	3,034	2,682	2,397	2,388	2,502	2,870	2,879	2,669	2,565	104.05	110.66
October	2,736	2,004	2,025	2,132	2,344	2,671	2,812	2,388	2,254	105.94	99.01
November	2,479	1,927	2,092	2,147	2,132	2,408	2,324	2,228	2,141	104.06	92.37
December	1,671	1,831	1,811	1,817	1,789	1,965	1,889	1,824	1,840	99.13	75.63
Daily average for year	2,791	2,229	2,121	2,174	2,328	2,631	2,594	2,412	2,299	104.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-8

ROUTE U.S. 93 South of Ravalli

TRAFFIC TYPE Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1,811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1962	1,845	422	22.9	314	17.0	296	16.0	284	15.4	271	14.7	263	14.3
1963	1,906	581	30.5	333	17.5	293	15.4	282	14.8	269	14.1	262	13.7
1964	2,033	581	28.6	376	18.5	343	16.9	328	16.1	319	15.7	308	15.2
1965	2,148	442	20.6	359	16.7	343	16.0	331	15.4	316	14.7	310	14.4
1966	2,268	436	19.2	372	16.4	348	15.3	336	14.8	325	14.3	317	14.0
1967	2,441	717	29.4	376	15.4	362	14.8	352	14.4	345	14.1	336	13.8
1968	2,464	466	18.9	403	16.4	377	15.3	358	14.5	351	14.2	343	13.9
1969	2,412	465	19.3	385	16.0	369	15.3	362	15.0	346	14.3	335	13.9
1970													
Average	2,018	502	24.9	342	16.9	318	15.8	306	15.2				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9 YEAR 1969

LOCATION I-15 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 61.6 % Foreign Pass Cars 12.7 % Pickups 16.3 % Commercial 9.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,241	2,559	2,534	2,379	2,581	2,957	2,741	2,577	2,607	98.85	65.95
February	3,297	3,071	3,081	2,903	3,006	3,569	3,278	3,172	3,126	101.47	81.17
March	3,611	3,417	3,334	3,262	3,342	3,792	3,580	3,483	3,429	101.57	89.13
April	4,569	3,990	3,527	3,526	3,961	4,623	4,010	4,017	3,918	102.53	102.80
May	4,932	3,857	3,673	3,652	4,094	4,707	4,469	4,219	4,033	104.61	107.97
June	5,428	4,512	4,301	4,285	4,422	5,167	5,140	4,765	4,536	105.05	121.94
July	5,667	4,930	4,738	4,643	5,126	5,315	4,988	5,043	4,944	102.00	129.06
August	5,438	4,880	4,675	4,558	4,655	5,522	5,335	5,050	4,889	103.29	129.23
September	4,372	4,209	3,788	3,840	3,967	4,442	4,399	4,117	4,019	102.44	105.36
October	3,822	3,621	3,382	3,503	3,761	4,186	4,096	3,739	3,663	102.07	95.68
November	3,734	3,534	3,373	3,329	3,120	3,897	3,728	3,544	3,450	102.72	90.69
December	3,036	3,229	3,090	2,838	2,988	3,640	3,460	3,166	3,137	100.92	81.02
Daily average for year	4,179	3,817	3,625	3,560	3,752	4,318	4,102	3,908	3,813	102.49	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-9

ROUTE I-15 & U.S.89 West of Great Falls

TRAFFIC TYPE Interstate-Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3,613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1962	4,092	800	19.6	490	12.0	474	11.6	454	11.1	442	11.1	436	10.7
1963	3,779	684	18.1	478	12.6	454	12.0	434	11.5	417	11.0	409	10.8
1964	3,526	684	19.4	532	15.1	478	13.6	456	12.9	448	12.7	434	12.3
1965	4,029	648	16.1	505	12.5	483	12.0	470	11.7	465	11.5	455	11.3
1966	4,149	704	17.0	542	13.1	524	12.6	493	11.9	484	11.7	473	11.4
1967	4,004	589	14.7	477	11.9	461	11.5	443	11.1	433	10.8	427	10.7
1968	4,104	543	13.2	491	12.0	471	11.5	462	11.3	455	11.1	451	11.0
1969	3,908	578	14.8	510	13.1	464	11.9	451	11.5	439	11.2	431	11.0
1970													
Average	3,669	620	16.9	470	12.8	444	12.1	427	11.6				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10 YEAR 1969

LOCATION U.S. 2 2.0 Miles East of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 54.0 % Foreign Pass Cars 13.1 % Pickups 20.8 % Commercial 12.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February	844	1,112	1,100	1,115	1,095	1,181	1,270	1,102	1,120	98.39	78.39
March	951	1,210	1,228	1,259	1,219	1,323	1,177	1,187	1,246	95.26	84.44
April	1,212	1,509	1,354	1,388	1,474	1,436	1,422	1,397	1,427	97.90	99.38
May	1 247	1,493	1,492	1,460	1,613	1,583	1,484	1,489	1,534	97.07	105.92
June	1,555	1,886	1,806	1,723	1,775	1,840	1,765	1,761	1,810	97.29	125.27
July	1,978	2,044	2,033	2,014	2,070	2,038	2,016	2,029	2,040	99.46	144.34
August	1,726	2,196	1,956	2,045	2,015	2,253	2,053	2,059	2,139	96.26	146.47
September	1,333	1,635	1,684	1,711	1,676	1,786	1,713	1,649	1,695	97.29	117.30
October	1,119	1,479	1,502	1,586	1,578	1,683	1,442	1,498	1,574	95.17	106.56
November	1,130	1,423	1,365	1,549	1,378	1,514	1,409	1,387	1,446	95.92	98.67
December	940	1,362	1,412	1,351	1,246	1,465	1,353	1,311	1,368	95.83	93.26
Daily average for year	1,276	1,577	1,539	1,564	1,558	1,646	1,555	1,534	1,582	96.97	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-10

ROUTE U.S. 2 East of Wolf Point

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1,347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1962	1,453	295	20.3	178	12.3	167	11.5	163	11.2	161	11.1	157	10.8
1963	1,532	319	20.8	201	13.1	180	11.7	176	11.5	170	11.1	164	10.7
1964	1,546	319	20.6	229	14.8	209	13.5	194	12.5	181	11.7	177	11.4
1965	1,592	350	22.0	209	13.1	196	12.3	190	11.9	186	11.7	182	11.4
1966	1,706	290	17.0	211	12.4	204	12.0	197	11.5	192	11.3	189	11.1
1967	1,451	285	19.6	201	13.9	179	12.3	173	11.9	170	11.7	165	11.4
1968	1,485	270	18.2	190	12.8	182	12.3	175	11.8	172	11.6	171	11.5
1969	1,534	270	17.6	183	11.9	175	11.4	170	11.1	168	11.0	165	10.8
1970													
Average	1,415	279	19.7	190	13.4	173	12.2	165	11.7				

* A.D.T. For 11 Months.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11 YEAR 1969

LOCATION I-90 6.0 Miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 56.7 % Foreign Pass Cars 17.0 % Pickups 16.4 % Commercial 9.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	5,007	4,793	4,598	4,511	4,935	5,632	5,261	4,972	4,916	101.14	71.07
February	6,063	5,324	5,154	5,193	5,399	6,428	5,929	5,641	5,500	102.56	80.63
March	6,992	5,953	5,682	5,750	5,848	6,577	6,582	6,228	5,962	104.46	89.02
April	7,630	6,447	6,168	6,204	6,348	7,255	6,801	6,681	6,486	103.01	95.49
May	8,296	6,337	6,260	6,455	7,041	7,820	7,321	7,106	6,841	103.87	101.57
June	9,507	8,050	7,844	7,880	7,850	8,960	8,941	8,456	8,113	104.23	120.86
July	9,644	8,536	8,304	8,279	8,668	9,745	9,049	8,843	8,668	102.02	126.40
August	9,706	8,497	8,687	8,891	8,593	9,079	9,276	8,992	8,754	102.72	128.52
September	7,687	6,976	6,832	7,076	6,916	7,728	7,899	7,289	7,105	102.59	104.18
October	6,756	6,325	6,155	6,472	6,732	7,642	7,042	6,753	6,702	100.76	96.52
November	7,032	6,036	6,382	6,383	6,213	7,246	7,156	6,674	6,464	103.25	95.39
December	5,882	6,468	6,253	6,191	5,805	6,815	6,849	6,321	6,306	100.24	90.35
Daily average for year	7,517	6,420	6,527	6,607	6,957	7,577	7,781	6,996	6,818	102.61	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-11

ROUTE I-90 West of Billings

TRAFFIC TYPE Interstate-Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2,913	564	19.4	423	14.5	388	13.3	370	12.7				
1961				Under	Construction								
1962	4,289	541	12.6	500	11.7	475	11.1	465	10.8	446	10.4	440	10.3
1963	4,699	571	12.2	532	11.3	516	11.0	502	10.7	493	10.5	498	10.6
1964	4,914	581	11.8	556	11.3	531	10.8	523	10.6	518	10.5	510	10.4
1965	5,226	758	14.5	612	11.7	586	11.2	572	10.9	565	10.8	540	10.3
1966	5,434	708	13.0	630	11.6	609	11.2	591	10.9	576	10.6	568	10.5
1967	6,013	742	12.3	691	11.5	674	11.2	654	10.9	641	10.7	629	10.5
1968	6,496	827	12.7	764	11.8	715	11.0	703	10.8	690	10.6	680	10.5
1969	6,996	952	13.6	779	11.1	747	10.7	734	10.5	709	10.1	698	10.0
1970													
Average	5,220	694	13.3	610	11.7	582	11.1	568	10.9				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1969

LOCATION U. S. 87 & Mont. 20 6.0 Miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.5 % Foreign Pass Cars 9.5 % Pickups 24.8 % Commercial 12.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	901	1,285	1,301	1,112	1,306	1,507	1,249	1,244	1,303	95.47	73.15
February	1,262	1,672	1,667	1,776	1,762	1,889	1,767	1,691	1,762	95.97	99.44
March	1,486	1,800	1,785	1,875	1,801	1,938	1,674	1,755	1,838	95.48	103.20
April	1,700	1,761	1,673	1,748	1,770	2,011	1,597	1,749	1,785	97.98	102.85
May	1,946	1,629	1,676	1,783	1,780	1,876	1,659	1,771	1,765	100.35	104.15
June	2,007	1,860	1,793	1,797	1,745	1,989	1,900	1,874	1,838	101.96	110.20
July	2,235	2,009	1,904	1,987	2,001	2,166	1,995	2,035	2,007	101.40	119.67
August	2,068	1,890	1,904	1,971	1,871	2,159	1,980	1,996	1,983	100.66	117.38
September	1,741	1,697	1,587	1,738	1,620	1,909	1,923	1,738	1,704	102.00	102.21
October	1,648	1,494	1,481	1,652	1,591	1,789	1,644	1,620	1,611	100.56	95.27
November	1,604	1,507	1,519	1,782	1,513	1,837	1,682	1,635	1,631	100.25	96.15
December	965	1,331	1,369	1,337	1,277	1,421	1,353	1,298	1,347	96.36	76.33
Daily average for year	1,630	1,661	1,638	1,713	1,670	1,874	1,702	1,701	1,740	97.76	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-12

ROUTE U.S. 87 & Montana 20
West of Lewistown
TRAFFIC TYPE Primary-Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1,491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1962	1,778	235	13.2	218	12.3	210	11.8	205	11.5	202	11.5	198	11.1
1963	1,648	253	15.4	240	14.6	222	13.5	212	12.9	205	12.4	199	12.1
1964	1,466	240	16.4	225	15.3	213	14.5	207	14.1	200	13.6	196	13.4
1965	1,463	247	16.9	182	12.4	172	11.8	165	11.3	163	11.1	160	10.9
1966	1,446	214	14.8	187	12.9	172	11.9	168	11.6	162	11.2	159	11.0
1967	1,423	303	21.3	248	17.4	198	13.9	175	12.3	167	11.7	162	11.4
1968	1,618	305	18.9	212	13.1	199	12.3	192	11.9	189	11.7	187	11.6
1969	1,701	316	18.6	202	11.9	187	11.0	183	10.8	180	10.6	178	10.5
1970													
Average	1,467	243	16.6	198	13.5	183	12.5	175	11.9				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1969

LOCATION U.S. 191 7.0 Miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 56.0 % Foreign Pass Cars 4.7 % Pickups 26.5 % Commercial 12.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	951	1,045	1,035	946	1,092	965	542	942	1,010	93.27	85.38
February	730	841	903	993	961	1,005	877	905	945	95.77	82.03
March	808	907	912	978	865	955	849	892	922	96.75	80.85
April	1,030	1,032	1,050	1,065	1,040	1,130	911	1,038	1,063	97.65	94.09
May	1,270	1,048	1,103	1,183	1,164	1,204	1,076	1,150	1,144	100.52	104.24
June	1,295	1,244	1,260	1,217	1,080	1,256	1,208	1,226	1,319	101.07	111.13
July	1,333	1,274	1,271	1,334	1,299	1,430	1,178	1,302	1,219	98.71	118.01
August	1,315	1,229	1,245	1,279	1,191	1,335	1,216	1,261	1,259	100.16	114.30
September	1,239	1,149	1,222	1,264	1,116	1,343	1,219	1,219	1,216	100.25	110.49
October	1,066	1,081	1,122	1,248	1,102	1,204	1,036	1,129	1,156	97.66	102.33
November	1,149	1,096	1,192	1,307	1,055	1,245	1,140	1,167	1,179	98.98	105.78
December	716	1,065	1,044	1,068	997	1,142	986	1,008	1,062	94.92	91.37
Daily average for year	1,075	1,084	1,113	1,157	1,080	1,185	1,020	1,103	1,124	98.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-13

ROUTE U.S. 191 North of Lewistown

TRAFFIC TYPE Secondary-Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1,239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1962	1,419	225	15.9	196	13.8	189	13.3	186	13.1	184	13.0	179	12.6
1963	1,274	233	18.3	195	15.3	180	14.1	168	13.2	159	12.5	153	12.0
1964	1,150	233	20.3	201	17.5	185	16.1	172	15.0	163	14.2	159	13.8
1965	1,134	203	17.9	161	14.2	145	12.8	140	12.3	138	12.2	135	11.9
1966	1,117	166	14.9	146	13.1	136	12.2	132	11.8	130	11.6	128	11.5
1967	1,096	172	15.7	147	13.4	139	12.7	135	12.3	132	12.0	130	11.9
1968	1,240	237	19.1	186	15.0	179	14.4	176	14.2	172	13.9	167	13.5
1969	1,103	174	15.8	145	13.1	136	12.3	133	12.1	129	11.7	126	11.4
1970													
Average	1,118	197	17.6	163	14.6	152	13.6	147	13.1				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14 YEAR 1969

LOCATION FAS 278 4.0 Miles Southwest of Dillon

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.6 % Foreign Pass Cars 7.9 % Pickups 28.4% Commercial 13.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	242	249	253	245	267	259	263	254	255	99.61	68.60
February	307	245	241	225	219	259	291	255	237	107.59	68.87
March	319	249	241	246	245	285	274	267	253	105.53	72.11
April	339	250	261	279	283	308	300	287	275	104.36	77.51
May	492	379	342	347	387	424	397	396	378	104.76	106.96
June	492	413	415	382	396	400	412	418	402	103.98	112.90
July	649	519	454	471	492	602	550	526	501	104.99	142.07
August	575	490	482	488	471	503	491	502	488	102.87	135.58
September	498	469	414	416	435	432	458	446	434	102.76	120.46
October	439	383	360	377	384	425	464	404	387	104.39	109.12
November	428	377	372	368	326	386	413	384	366	104.92	103.71
December	332	301	304	296	290	296	313	304	298	102.01	82.11
Daily average for year	426	360	345	345	350	382	386	370	356	103.93	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-14

ROUTE FAS. 278 Southwest of Dillon

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1962	303	279	92.1	142	46.9	53	17.5	48	15.8	47	15.5	45	14.8
1963	319	68	21.3	59	18.5	53	16.6	50	15.7	48	15.0	48	15.0
1964	314	70	22.3	61	19.4	57	18.2	54	17.2	52	16.6	51	16.2
1965	293	68	23.2	51	17.4	48	16.4	46	15.7	45	15.4	44	15.0
1966	299	61	20.4	50	16.7	48	16.1	47	15.7	45	15.1	44	14.7
1967	323	69	21.4	53	16.4	49	15.2	48	14.9	46	14.2	45	13.9
1968	369	82	22.2	59	16.0	57	15.4	53	14.4	51	13.8	51	13.8
1969	370	64	17.3	60	16.2	55	14.9	54	14.6	53	14.3	51	13.8
1970													
Average	319	94	29.5	66	20.7	52	16.3	49	15.4				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15 YEAR 1969

LOCATION Mont. 20 4.0 Miles Northeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 46.0 % Foreign Pass Cars 9.0 % Pickups 18.0 % Commercial 27.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	781	903	890	780	933	1,023	935	894	907	98.57	54.17
February	1,166	1,014	1,072	1,033	1,102	1,303	1,073	1,109	1,105	100.36	67.20
March	1,676	1,151	1,137	1,110	1,156	1,408	1,199	1,270	1,190	106.72	76.95
April	1,710	1,293	1,102	1,132	1,185	1,547	1,438	1.331	1.242	107.17	80.65
May	2,874	1,430	1,408	1,452	1.700	2,068	2,234	1,882	1,621	116.10	114.03
June	2,893	1,823	1,714	1,759	1,746	2,132	2,302	2,073	1,834	113.03	125.60
July	3,440	2,139	2,024	2,015	2,249	2,691	2,575	2,421	2,217	109.20	146.69
August	3,275	2,126	2,025	2,088	2,050	2,527	2,636	2,437	2,190	111.28	147.66
September	2,541	1,907	1,615	1,654	1,630	1,961	1,796	1,864	1,754	106.27	112.94
October	2,165	1,491	1,456	1,519	1,561	1,971	1,735	1,698	1,611	105.40	102.88
November	1,986	1,382	1,580	1,569	1,390	1,694	1,654	1,622	1,523	106.50	98.28
December	1,210	1,232	1,231	1,211	1,072	1,325	1,129	1,204	1,216	99.01	72.95
Daily average for year	2,143	1,491	1,438	1,444	1,481	1,804	1,726	1,650	1,534	107.56	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-15

ROUTE Mont. 20 Northeast of Bonner

TRAFFIC TYPE Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1,231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1962	1,297	294	22.7	254	19.6	239	18.4	224	17.3	217	16.7	209	16.1
1963	1,263	277	21.9	251	19.6	241	19.1	230	18.2	223	17.7	220	17.4
1964	1,302	277	21.3	258	19.8	249	19.1	243	18.7	236	18.1	234	18.0
1965	1,539	326	21.2	289	18.8	273	17.7	261	17.0	253	16.4	245	15.9
1966	1,442	299	20.7	272	18.9	256	17.8	247	17.1	235	16.3	227	15.7
1967			Out	due to	Construction								
* 1968	1,478	267	18.1	213	14.4	188	12.7	174	11.8	164	11.1	158	10.7
1969	1,650	358	21.7	327	19.8	294	17.8	280	17.0	268	16.2	256	15.5
1970													
Average	1,277	285	22.3	244	19.1	228	17.9	217	17.0				

* Average for last three months only.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16 YEAR 1969

LOCATION U.S. 10 & 91 3.0 Miles West of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 58.2 % Foreign Pass Cars 17.6 % Pickups 14 % Commercial 10.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February											
March											
April											
May											
June											
July											
August											
September											
October	5,802	5,479	5,256	5,404	5,863	6,344	6,094	5,741	5,669	101.27	
November	6,176	5,282	5,512	5,382	5,203	5,885	6,293	5,713	5,453	104.77	
December	4,745	5,193	4,922	4,851	4,486	5,260	5,486	4,992	4,949	100.87	
Daily average for year	5,574	5,318	5,230	5,212	5,184	5,830	6,958	5,482	5,357	102.33	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-16

ROUTE I-90 & I-15 West of Butte

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4,495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1962	4,906	680	13.9	612	12.5	587	12.0	580	11.8	574	11.7	564	11.5
1963	5,114	719	14.1	650	12.7	633	12.4	622	12.2	613	12.0	604	11.8
1964	5,252	822	15.7	671	12.8	657	12.5	648	12.3	637	12.1	632	12.0
1965	5,680	741	13.0	702	12.4	685	12.1	670	11.8	662	11.7	658	11.6
1966	6,057	838	13.8	745	12.3	715	11.8	702	11.6	696	11.5	692	11.4
1967	6,002	779	13.0	731	12.2	715	11.9	704	11.7	688	11.5	677	11.3
* 1968	6,253	1,122	17.9	731	11.7	706	11.3	686	11.0	680	10.9	677	10.8
* 1969	5,482	713	13.0	608	11.1	580	10.6	567	10.3	554	10.1	549	10.0
1970													
Average	5,471	781	14.3	666	12.2	645	11.8	632	11.6	623	11.4	617	11.3

* Average for 9 months - Last 3 months out due to construction
** Average for 3 months - First 9 months out due to construction

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17 YEAR 1969

LOCATION I-15 0.5 Miles North of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 34.7 % Foreign Pass Cars 38.0 % Pickups 13.5 % Commercial 13.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	459	415	387	400	411	485	524	440	422	104.27	59.13
February	431	417	412	438	443	467	463	441	438	100.68	59.27
March	537	409	459	440	432	451	541	470	437	107.55	63.16
April	663	571	552	595	610	667	632	610	597	102.18	81.98
May	690	537	568	629	760	769	687	651	635	102.52	87.49
June	1,038	866	1,085	911	888	941	1,046	967	935	103.42	129.96
July	1,183	1,018	1,083	1,090	1,204	1,282	1,163	1,144	1,134	100.88	153.75
August	1,114	1,061	1,017	984	1,039	1,111	1,208	1,083	1,046	103.54	145.55
September	891	885	806	804	816	944	861	857	850	100.82	115.17
October	911	752	739	768	792	899	854	818	795	102.89	109.93
November	943	750	794	836	733	740	873	816	770	105.97	109.67
December	689	628	636	601	529	615	736	632	604	104.64	84.94
Daily average for year	796	692	712	708	721	781	799	744	722	103.47	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-17

ROUTE I-15 North of Lima

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1962	567	170	29.9	83	14.6	74	13.1	71	12.5	69	12.2	67	11.8
1963	626	102	16.3	90	14.4	82	13.1	79	12.6	78	12.5	77	12.3
1964	643	123	19.1	95	14.8	86	13.8	85	13.6	83	12.9	81	12.6
1965	673	128	19.0	96	14.3	89	13.2	85	12.6	82	12.2	80	11.9
1966	744	181	24.3	102	13.7	98	13.2	93	12.5	91	12.2	89	12.0
1967	822	129	15.7	109	13.3	106	12.9	103	12.5	101	12.3	98	11.9
1968	660	120	18.2	102	15.5	92	13.9	90	13.6	87	13.2	85	12.9
1969	744	188	25.3	135	18.1	111	14.9	105	14.1	100	13.4	98	13.2
1970													
Average	675	136	20.1	99	14.7	90	13.3	87	12.9	84	12.4	82	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18 YEAR 1969

LOCATION U.S. 20 & 191 5.0 Miles West of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	390	364	405	344	384	430	522	403	385	104.68	32.84
February	583	383	425	473	421	510	544	477	442	107.92	38.87
March	970	499	464	473	467	589	715	609	498	122.29	49.63
April	814	542	534	545	548	597	589	592	552	107.25	48.24
May	1,201	802	842	872	941	1,234	1,289	1,038	952	109.03	84.58
June	2,672	2,013	1,952	2,166	1,910	2,125	2,574	2,211	2,032	108.81	180.17
July	3,272	2,709	2,641	2,790	2,921	3,367	3,669	3,026	2,872	105.36	246.58
August	3,275	2,665	2,674	2,720	2,670	2,753	3,189	2,871	2,699	106.37	233.95
September	1,682	1,544	1,368	1,452	1,365	1,538	1,641	1,509	1,454	103.78	122.97
October	936	697	754	779	832	830	894	817	783	104.34	66.58
November	715	549	602	649	556	634	686	632	598	105.69	51.50
December	744	519	503	492	410	539	604	541	494	109.51	44.09
Daily average for year	1,438	1,107	1,097	1,146	1,119	1,262	1,410	1,227	1,147	106.97	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-18

ROUTE U.S. 20 & 191 West of West Yellowstone

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962				Under	Construction								
1963	999	291	29.1	261	26.1	251	25.1	238	23.8	230	23.0	225	22.5
1964	1,110	401	36.1	334	30.1	322	29.0	310	27.9	304	27.4	297	26.8
1965	1,167	371	31.8	318	27.1	298	25.5	278	23.8	271	23.2	266	22.8
1966	1,161	379	32.6	317	27.3	299	25.8	284	24.5	274	23.6	266	22.9
1967	1,180	345	29.2	308	26.1	292	24.7	280	23.7	275	23.3	268	22.7
1968	1,233	318	25.8	302	24.5	285	23.1	277	22.5	269	21.8	264	21.4
1969	1,227	359	29.3	301	24.5	281	22.9	270	22.0	258	21.0	254	20.7
1970													
Average	1,154	352	30.5	306	26.5	290	25.1	277	24.0	269	23.3	263	22.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19 YEAR 1969

LOCATION U.S. 191 7.7 North of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 21.1% Foreign Pass Cars 53.6 % Pickups 9.9 % Commercial 15.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	422	418	373	399	426	480	488	433	425	101.88	37.76
February	522	450	415	508	547	560	548	507	496	102.22	44.21
March	883	614	534	500	860	1,040	753	742	705	105.25	64.70
April	721	529	450	515	533	602	621	560	519	107.90	48.83
May	1,104	849	829	787	841	1,017	1,165	951	874	108.81	82.92
June	1,968	1,642	1,664	1,845	1,736	1,733	1,952	1,787	1,712	104.38	155.82
July	2,722	2,437	2,215	2,359	2,468	2,902	2,787	2,547	2,475	102.91	222.09
August	2,729	2,518	2,612	2,623	2,548	2,463	2,591	2,586	2,550	101.41	225.49
September	1,522	1,564	1,410	1,537	1,479	1,522	1,515	1,505	1,501	100.27	131.23
October	840	754	817	854	883	902	854	847	847	100.00	73.86
November	735	652	700	742	598	686	711	691	675	102.37	60.25
December	748	589	578	577	503	629	646	606	575	105.39	52.84
Daily average for year	1,243	1,085	1,050	1,104	1,119	1,211	1,219	1,147	1,113	103.05	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-19

ROUTE U.S. 191 North of West Yellowstone

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1962	1,041	325	31.2	295	28.3	280	26.9	273	26.2	269	26.2	265	25.5
1963	904	291	32.2	243	26.9	234	25.9	227	25.1	221	24.4	216	23.9
1964				Under	Construction								
1965				"	"								
1966	1,036	326	31.5	266	25.7	247	23.8	239	23.1	235	22.7	230	22.2
1967	1,079	298	27.6	279	25.9	266	24.7	253	23.4	246	22.8	241	22.3
1968	1,104	273	24.7	247	22.4	239	21.6	233	21.1	230	20.8	226	20.5
1969	1,147	253	22.1	236	20.6	228	19.9	226	19.7	222	19.4	217	18.9
1970													
Average	1,016	293	28.8	255	25.1	244	24.0	236	23.2	231	22.7	227	22.3

AUTOMATIC RECORDER DATA·BY MONTHS

STATION A-20 YEAR 1969

LOCATION U.S. 89 17.0 Miles North of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 30.7 % Foreign Pass Cars 51.3 % Pickups 10.8 % Commercial 7.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	280	211	211	192	193	264	260	229	214	107.01	37.58
February	331	245	233	224	254	296	291	268	250	107.20	43.98
March	437	258	243	252	222	300	354	301	255	118.04	49.39
April	498	326	274	316	308	369	388	350	316	110.76	57.43
May	685	424	422	464	480	637	688	553	498	111.04	90.74
June	1,177	1,036	976	1,098	983	1,050	1,104	1,064	1,029	103.40	174.59
July	1,527	1,434	1,398	1,435	1,449	1,481	1,500	1,457	1,438	101.32	239.08
August	1,567	1,365	1,404	1,420	1,348	1,346	1,324	1,398	1,375	101.67	229.40
September	798	705	701	741	730	754	798	744	724	102.76	122.09
October	419	349	322	375	386	395	441	384	368	104.35	63.01
November	356	263	270	283	259	325	377	309	280	110.36	50.70
December	229	242	250	248	215	256	358	256	243	105.35	42.01
Daily average for year	692	572	559	587	569	623	649	609	583	104.46	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-20

ROUTE U.S. 89 North of Gardiner

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				Under	Construction								
1962				"	"								
1963	496	141	28.4	116	23.4	114	23.0	111	22.4	109	22.0	107	21.6
1964	509	165	32.4	132	25.9	125	24.6	121	23.8	119	23.4	117	23.0
1965	564	160	28.4	140	24.8	133	23.6	128	22.7	125	22.2	124	22.0
1966	591	180	30.5	149	25.2	137	23.2	132	22.3	130	22.0	129	21.8
1967	622	162	26.0	139	22.3	133	21.4	131	21.1	128	20.6	127	20.4
1968	630	176	27.9	151	24.0	142	22.5	139	22.1	137	21.7	135	21.4
1969	609	252	41.4	165	27.1	138	22.7	134	22.0	129	21.2	128	21.0
1970													
Average	574	177	30.8	142	24.7	132	23.0	128	22.3	125	21.8	124	21.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21 YEAR 1969

LOCATION Montana Avenue in Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	7,608	11,222	11,194	9,909	11,494	12,866	11,603	10,905	11,357	96.02	86.38
February	8,702	11,386	11,428	11,327	11,689	13,327	12,628	11,498	11,831	97.19	91.08
March	9,723	11,673	11,466	11,633	12,104	13,556	13,179	11,868	12,066	98.36	94.01
April	10,356	11,878	11,724	12,262	12,586	13,815	13,332	12,260	12,411	98.78	97.11
May	11,012	12,948	12,601	13,327	14,040	14,337	13,842	13,247	13,518	98.00	104.93
June	10,993	14,063	13,352	13,540	13,580	15,802	13,877	13,529	14,067	96.18	107.16
July	10,311	13,905	14,367	14,370	15,205	14,294	12,945	13,727	14,457	94.95	108.73
August	11,207	14,106	13,986	14,282	14,708	15,791	14,206	14,011	14,632	95.76	110.98
September	10,929	13,071	13,994	14,019	14,224	15,739	14,060	13,707	14,148	96.88	108.57
October	8,969	11,796	11,907	12,332	12,788	13,466	12,626	12,068	12,510	96.47	95.59
November	9,353	12,308	12,191	12,515	10,947	13,632	12,533	11,860	12,319	96.27	93.94
December	10,092	13,310	13,539	13,428	11,555	14,009	13,324	12,816	13,202	97.08	101.52
Daily average for year	9,937	1,264	1,265	1,275	1,291	1,422	1,318	12,625	13,043	96.80	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-21

ROUTE U.S. 91 & 12 By Pass, Montana Ave. Helena

TRAFFIC TYPE Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7,971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1962	8,263	979	11.8	899	10.9	867	10.5	861	10.4	848	10.3	841	10.2
1963	8,371	951	11.4	887	10.6	854	10.2	831	9.9	814	9.7	803	9.6
1964	9,664	1,145	11.5	1,060	11.0	1,022	10.6	1,010	10.5	995	10.3	986	10.2
1965	10,702	1,238	11.6	1,120	10.5	1,100	10.3	1,086	10.1	1,064	9.9	1,059	9.9
1966	10,858	1,209	11.1	1,160	10.7	1,127	10.4	1,111	10.2	1,102	10.1	1,092	10.1
1967	11,164	1,643	14.7	1,219	10.9	1,168	10.5	1,149	10.3	1,139	10.2	1,127	10.1
1968	11,954	1,483	12.4	1,292	10.8	1,272	10.6	1,257	10.5	1,244	10.4	1,232	10.3
1969	12,625	1,592	12.6	1,403	11.1	1,358	10.8	1,325	10.5	1,312	10.4	1,302	10.3
1970													
Average	10,175	1,236	12.1	1,098	10.8	1,067	10.5	1,051	10.3	1,037	10.2	1,027	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-22 YEAR 1969

LOCATION Grand Avenue in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	9,807	14,619	14,965	15,267	14,789	16,736	16,720	14,786	15,315	96.55	80.27
February	12,353	16,815	16,085	15,919	16,578	19,547	19,638	16,712	16,998	98.32	90.72
March	13,314	18,219	17,405	17,426	17,144	19,691	20,880	17,701	17,988	98.40	96.09
April	13,653	18,221	17,881	17,619	17,818	20,931	20,937	18,125	18,427	98.36	98.39
May	13,852	18,983	17,955	18,625	19,878	19,640	21,191	18,749	19,084	98.24	101.78
June	13,988	20,219	19,410	18,998	19,077	21,338	20,414	18,933	19,828	95.49	102.78
July	13,105	19,905	19,676	19,737	20,522	18,948	19,009	18,797	19,750	95.17	102.04
August	14,081	19,527	19,637	19,042	19,852	21,807	19,751	19,020	20,022	95.00	103.25
September	14,583	20,190	19,139	19,278	19,668	21,721	22,483	19,636	20,037	98.00	106.59
October	14,146	18,717	18,296	19,035	20,173	22,560	22,315	19,465	19,895	97.84	105.67
November	14,249	19,086	19,228	19,583	17,127	22,244	22,474	19,089	19,453	98.13	103.62
December	14,845	21,323	20,781	20,730	17,648	22,055	22,240	20,043	20,564	97.47	108.80
Daily average for year	13,498	18,819	18,372	18,438	18,356	20,602	20,634	18,421	18,947	97.22	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-22

ROUTE Grand Ave. Billings

TRAFFIC TYPE Arterial City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	12,955	1,750	13.5	1,591	12.3	1,541	11.9	1,506	11.6	1,490	11.5	1,470	11.3
1962	14,712	2,009	13.7	1,820	12.4	1,755	11.9	1,699	11.5	1,645	11.2	1,619	11.0
1963	14,779	2,189	14.8	1,759	11.9	1,707	11.6	1,642	11.1	1,610	11.0	1,596	10.8
1964				Under	Construction								
1965				"	"								
1966	16,367	2,015	12.3	1,849	11.3	1,773	10.8	1,733	10.6	1,709	10.4	1,689	10.3
1967	16,966	2,114	12.5	1,933	11.4	1,864	11.0	1,822	10.7	1,795	10.6	1,783	10.5
1968	17,483	2,003	11.5	1,849	10.6	1,820	10.4	1,798	10.3	1,777	10.2	1,766	10.1
1969	18,421	2,107	11.4	1,972	10.7	1,939	10.5	1,913	10.4	1,888	10.2	1,879	10.2
1970													
Average	15,955	2,027	12.7	1,825	11.4	1,771	11.1	1,730	10.8	1,702	10.7	1,686	10.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23 YEAR 1969

LOCATION FAS 241 2.5 Miles North of Harlem

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.2 % Foreign Pass Cars 3.3 % Pickups 37.1 % Commercial 20.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	95	106	91	108	140	146	139	119	120	99.17	47.05
February	113	118	140	140	168	184	175	148	150	98.67	58.52
March	129	176	148	153	178	188	174	163	169	96.45	64.45
April	198	228	225	242	247	297	255	239	244	97.95	94.50
May	223	268	263	279	251	271	220	253	266	95.11	100.03
June	297	368	327	350	327	344	273	327	344	95.06	129.29
July	319	403	429	432	418	394	310	390	417	93.53	154.20
August	296	353	345	361	371	398	353	353	367	96.19	139.57
September	262	275	308	279	270	330	300	289	292	98.97	114.27
October	227	230	249	271	269	277	280	259	261	99.23	102.41
November	234	268	264	266	238	283	307	266	264	100.76	105.17
December	160	226	244	230	238	246	255	229	236	97.03	90.54
Daily average for year	213	252	253	259	260	280	253	253	261	96.93	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-23

ROUTE FAS 241 North of Harlem

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1962				UNDER	CONSTRUCTION								
1963	244	44	18.0	38	15.6	34	13.9	32	13.1	31	12.7	30	12.3
1964				UNDER	CONSTRUCTION								
1965	272	57	21.0	46	16.9	43	15.8	40	14.7	38	14.0	37	13.6
1966	70	48	17.8	39	14.4	38	14.1	37	13.7	36	13.3	36	13.3
1967	226	49	21.7	37	16.4	33	14.6	31	13.7	30	13.3	30	13.3
1968	298	111	37.2	99	33.2	95	31.9	90	30.2	87	29.2	85	28.5
1969	253	54	21.3	46	18.2	42	16.6	39	15.4	38	15.0	37	14.6
1970													
Average	253	58	22.9	48	19.0	45	17.8	43	17.0	41	16.2	40	15.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24 YEAR 1969

LOCATION U.S. 2 1.3 Miles West of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.2 % Foreign Pass Cars 9.8 % Pickups 21.8 % Commercial 15.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	806	1,116	1,144	1,105	1,214	1,300	1,196	1,134	1,180	96.10	58.02
February	1,288	1,384	1,407	1,432	1,481	1,684	1,464	1,448	1,477	98.04	74.08
March	1,705	1,508	1,498	1,511	1,513	1,691	1,727	1,598	1,542	103.63	81.75
April	2,100	1,720	1,617	1,633	1,657	1,845	1,970	1,781	1,688	105.51	91.12
May	2,513	2,024	1,924	1,952	2,041	2,171	2,289	2,134	2,030	105.12	109.17
June	2,547	2,420	2,228	2,181	2,227	2,430	2,506	2,370	2,303	102.91	121.25
July	2,836	2,688	2,476	2,550	2,695	2,872	2,718	2,679	2,645	101.29	137.06
August	2,620	2,560	2,493	2,509	2,434	2,661	2,618	2,564	2,538	101.02	131.17
September	2,203	2,032	1,878	1,956	1,942	2,196	2,208	2,052	1,996	102.81	104.98
October	2,274	1,930	1,920	1,930	1,996	2,196	2,261	2,069	2,001	103.40	105.85
November	2,186	1,931	1,979	2,005	1,877	2,122	2,267	2,064	1,983	104.08	105.59
December	1,408	1,611	1,602	1,632	1,473	1,633	1,545	1,563	1,594	98.06	79.96
Daily average for year	2,041	1,910	1,764	1,866	1,879	2,067	2,064	1,955	1,915	102.09	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-24

ROUTE U.S. 2 West of Kalispell

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1962	1,516	228	19.0	191	12.6	185	12.2	182	12.0	181	12.0	179	11.8
1963	1,561	214	13.7	199	12.7	191	12.2	184	11.8	183	11.7	180	11.5
1964	1,508	230	15.3	206	13.7	201	13.3	195	12.9	191	12.7	188	12.5
1965	1,662	223	13.4	209	12.6	202	12.2	199	12.0	196	11.8	193	11.6
1966	1,818	258	14.2	227	12.5	214	11.8	211	11.6	209	11.5	206	11.3
1967	1,992	270	13.6	243	12.2	234	11.7	230	11.5	226	11.3	224	11.2
1968	2,028	266	13.1	239	11.8	233	11.5	228	11.2	224	11.0	221	10.9
1969	1,955	336	17.2	244	12.5	235	12.0	227	11.6	224	11.5	220	11.3
1970													
Average	1,722	249	14.5	216	12.5	209	12.1	204	11.8	201	11.7	198	11.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25 YEAR 1969

LOCATION I-94 6.8 Miles East of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 20.8 % Foreign Pass Cars 47.8 % Pickups 12.5 % Commercial 18.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	726	684	837	684	833	892	861	790	788	100.25	49.68
February	1,044	792	887	892	831	960	952	907	871	104.13	57.04
March	1,170	938	1,042	1,013	1,143	1,190	1,147	1,091	1,059	103.02	68.61
April	1,424	1,242	1,195	1,239	1,278	1,401	1,315	1,294	1,266	102.21	81.37
May	1,502	1,242	1,274	1,305	1,383	1,495	1,478	1,389	1,349	102.97	87.35
June	2,510	2,045	1,931	1,991	2,075	2,306	2,515	2,202	2,068	106.48	138.48
July	2,781	2,460	2,444	2,499	2,546	2,613	2,645	2,563	2,510	102.11	161.18
August	2,852	2,455	2,437	2,557	2,487	2,637	2,759	2,618	2,528	103.56	164.64
September	1,955	1,716	1,693	1,833	1,840	1,907	1,912	1,828	1,789	102.18	114.96
October	1,713	1,513	1,580	1,569	1,677	1,822	1,710	1,658	1,640	101.10	104.26
November	1,600	1,321	1,337	1,528	1,384	1,494	1,581	1,472	1,413	104.18	92.57
December	1,312	1,148	1,257	1,262	1,173	1,360	1,413	1,270	1,238	102.58	79.86
Daily average for year	1,716	1,463	1,493	1,531	1,554	1,673	1,691	1,590	1,543	103.05	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-25

ROUTE I-94 East of Wibaux

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	123
1962				Under	Construction								
1963	1,211	243	20.1	150	12.4	140	11.6	136	11.2	133	11.0	130	10.7
1964				Under	Construction								
1965	1,307	232	17.8	168	12.9	160	12.2	156	11.9	154	11.8	150	11.5
1966	1,369	230	16.8	182	13.3	175	12.8	171	12.5	167	12.2	164	12.0
1967	1,374	276	20.1	210	15.3	191	13.9	182	13.2	179	13.0	177	12.9
1968	1,573	283	18.0	249	15.8	231	14.7	223	14.2	217	13.8	211	13.4
1969	1,590	300	18.9	225	14.2	220	13.8	215	13.5	212	13.3	210	13.2
1970													
Average	1,351	257	19.0	194	14.4	181	13.4	175	13.0	170	12.6	167	12.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-26 YEAR 1969

LOCATION U.S. 2 0.1 Miles East of Bainville

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 35.8 % Foreign Pass Cars 32.6 % Pickups 18.7% Commercial 12.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	275	409	447	380	451	473	380	405	432	93.75	55.99
February	394	472	509	508	477	528	480	480	497	96.58	66.36
March	547	566	552	579	577	644	605	583	586	99.49	80.60
April	650	686	583	611	657	732	672	652	648	100.62	90.14
May	782	711	672	677	703	761	792	730	707	103.25	100.92
June	945	945	855	848	888	937	940	911	897	101.56	125.95
July	1,148	1,132	1,137	1,070	1,158	1,076	1,097	1,117	1,115	100.18	154.42
August	1,060	1,117	1,075	1,079	1,074	1,102	1,108	1,088	1,090	99.82	150.41
September	792	796	778	818	768	837	907	812	798	101.75	112.26
October	597	655	663	662	684	770	663	674	689	97.82	93.18
November	579	633	616	671	604	677	722	644	640	100.63	89.03
December	476	610	630	556	561	616	629	584	595	98.15	80.74
Daily average for year	687	728	710	705	717	763	750	723	725	99.72	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-26

ROUTE U.S. 2 East of Bainville

TRAFFIC TYPE Primary- Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	729	170	23.3	106	14.5	96	13.2	93	12.8	90	12.3	88	12.1
1962	784	177	22.6	128	16.3	124	15.8	120	15.3	118	15.1	117	14.9
1963	753	187	24.8	109	14.5	101	13.4	96	12.9	95	12.6	93	12.4
1964	753	187	24.8	117	15.5	104	13.8	101	13.4	99	13.1	96	12.9
1965	783	143	18.3	122	15.6	113	14.4	108	13.8	104	13.3	101	12.9
1966	733	139	19.0	109	14.9	97	13.2	93	12.7	91	12.4	90	12.3
1967	750	164	21.9	120	16.0	107	14.3	102	13.6	98	13.1	96	12.8
1968	716	124	17.3	105	14.7	101	14.1	97	13.5	95	13.3	92	12.8
1969	723	185	25.6	111	15.4	102	14.1	97	13.4	96	13.3	94	13.0
1970													
Average	747	164	22.0	114	15.3	105	14.1	101	13.5	98	13.1	96	12.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27 YEAR 1969

LOCATION U.S. 191 1.5 Miles South of Fred Robinson Bridge

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 52.3 % Foreign Pass Cars 9.9 % Pickups 17.8 % Commercial 20.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	143	152	143	142	161	200	146	156	160	97.50	54.15
February	178	184	157	154	168	248	155	178	182	97.80	61.79
March	262	198	185	198	205	255	205	216	208	103.85	74.98
April	314	262	217	225	250	355	263	266	258	103.10	92.33
May	414	264	270	262	308	365	308	314	297	105.72	109.00
June	543	390	339	325	319	408	377	391	358	109.22	135.72
July	467	366	298	313	367	424	320	361	350	103.14	125.31
August	376	364	322	317	312	406	340	351	347	101.15	121.84
September	399	326	278	269	326	370	348	329	313	105.11	114.20
October	363	284	279	312	302	385	284	317	315	100.63	110.04
November	380	271	333	356	277	338	301	323	315	102.54	112.12
December	236	241	261	243	242	300	265	255	256	99.61	88.52
Daily average for year	340	275	257	260	270	338	276	288	280	102.86	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-27

ROUTE U.S. 191 Robinson Bridge

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1962	219	57	26.0	46	21.0	41	18.7	39	17.8	38	17.4	36	16.4
1963	251	95	37.8	54	21.5	43	17.1	42	16.7	40	15.9	39	15.5
1964	263	135	51.3	87	33.8	76	28.9	71	27.0	61	23.2	58	22.1
1965	244	68	27.9	51	20.9	45	18.4	43	17.6	41	16.8	40	16.4
1966	260	122	46.9	58	22.3	51	19.6	48	18.5	46	17.7	44	16.9
1967	272	72	26.5	55	20.2	48	17.6	46	16.9	44	16.2	42	15.4
1968	284	122	43.0	59	20.8	52	18.3	48	16.9	46	16.2	45	15.8
1969	288	103	35.8	63	21.9	57	19.8	53	18.4	50	17.4	47	16.3
1970													
Average	254	100	39.4	60	23.6	51	20.1	48	18.9	45	17.7	43	16.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1969

LOCATION Interstate Frontage Road 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	134	194	248	186	159	191	230	192	195	98.46	54.20
February	175	238	207	192	181	207	204	199	203	98.03	56.18
March	274	262	251	257	250	250	245	256	254	100.79	72.26
April	378	410	402	412	360	365	362	385	390	98.72	108.68
May	442	494	498	479	432	458	384	452	469	96.38	127.59
June	367	523	547	459	427	485	338	446	485	91.96	125.90
July	373	535	587	505	538	539	390	500	541	92.42	141.14
August	349	558	635	623	639	542	383	522	597	87.44	147.35
September	402	572	527	513	450	551	434	497	525	94.67	140.30
October	388	425	485	508	498	504	385	462	488	94.67	130.42
November											
December	211	381	374	406	299	366	306	340	369	92.14	95.98
Daily average for year	318	417	433	413	385	405	333	386	411	93.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-28

ROUTE Vaughn Interstate Frontage

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1962	241	55	22.8	44	18.2	41	17.0	39	16.2	37	15.4	36	14.9
1963	183	52	35.0	38	20.8	34	18.6	33	18.0	32	17.5	31	16.9
1964	170	54	31.8	42	24.7	37	21.8	35	20.6	34	20.0	33	19.4
1965	204	61	29.9	41	20.1	36	17.6	34	16.7	33	16.2	32	15.7
1966	255	111	43.5	43	16.9	41	16.1	39	15.3	38	14.9	37	14.5
1967	294	78	26.5	62	21.1	56	19.0	54	18.4	53	18.0	50	17.0
1968	347	97	28.0	65	18.7	60	17.3	54	15.6	53	15.3	51	14.7
1969	386	89	23.1	75	19.4	70	18.1	66	17.1	64	16.6	61	15.8
1970													
Average	259	79	30.5	53	20.5	49	19.0	46	17.8	44	17.0	43	16.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29 YEAR 1969

LOCATION Interstate Frontage Road 6.0 Miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars 60.3 % Foreign Poss Cars 4.5 % Pickups 19.9 % Commercial 15.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Soturday	Monday thru Friday		
January	925	794	848	850	1,008	1,197	1,094	998	994	100.40	72.22
February	1,228	1,157	1,089	1,064	1,057	1,125	1,278	1,142	1,098	104.01	82.64
March	1,553	1,418	1,501	1,555	1,570	1,628	1,576	1,540	1,529	100.72	111.45
April	1,384	1,167	1,177	1,209	1,287	1,385	1,272	1,267	1,245	101.77	91.69
May	1,196	1,193	1,167	1,254	1,305	1,213	1,278	1,239	1,238	100.08	89.66
June	1,248	1,239	1,239	1,233	1,172	1,367	1,208	1,244	1,250	99.52	90.03
July	1,305	1,332	1,241	1,249	1,275	1,383	1,263	1,289	1,291	99.85	93.28
August	1,437	1,414	1,335	1,225	1,438	1,471	1,353	1,386	1,382	100.29	100.30
September	977	1,251	1,179	1,366	1,294	1,453	1,257	1,260	1,312	96.04	91.18
October	1,694	1,858	1,740	1,686	1,732	1,916	1,777	1,772	1,785	99.27	128.24
November	1,570	1,649	1,726	1,724	1,581	1,828	1,723	1,683	1,702	98.88	121.80
December	1,581	1,819	1,869	1,823	1,528	1,772	1,846	1,762	1,779	99.04	127.51
Daily overage for year	1,342	1,358	1,343	1,353	1,354	1,478	1,410	1,382	1,384	99.86	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-29

ROUTE Billings Interstate Frontage

TRAFFIC TYPE Frontage - Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				Under	Construction								
1962	1,269	194	15.3	183	14.4	171	13.5	162	12.8	158	12.5	154	12.1
1963	1,500	279	18.6	221	14.7	211	14.1	203	13.5	196	13.1	193	12.9
1964	1,423	279	19.6	221	15.5	212	14.9	208	14.6	202	14.2	197	13.8
1965	1,153	205	17.8	149	12.9	136	11.8	133	11.5	131	11.4	128	11.1
1966	1,234	226	18.3	151	12.2	147	11.9	142	11.5	139	11.3	136	11.0
1967	1,165	201	17.2	146	12.5	136	11.7	132	11.3	130	11.2	128	11.0
1968	1,303	185	14.2	162	12.4	155	11.9	152	11.7	149	11.4	145	11.1
1969	1,382	281	20.3	223	16.1	213	15.4	200	14.5	192	13.9	185	13.4
1970													
Average	1,304	231	17.7	182	14.0	173	13.3	167	12.8	162	12.4	158	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30 YEAR 1969

LOCATION I-90 .9 Mile West of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 30.1 % Foreign Pass Cars 47.1 % Pickups 9.6 % Commercial 13.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	908	1,055	1,059	1,074	1,187	1,168	1,030	1,076	1,113	96.68	55.21
February	1,047	1,099	1,133	1,235	1,224	1,353	969	1,151	1,209	95.20	59.06
March	1,463	1,370	1,315	1,394	1,424	1,565	1,379	1,414	1,412	100.14	72.55
April	1,657	1,516	1,440	1,502	1,614	1,834	1,617	1,589	1,571	101.15	81.53
May	1,677	1,682	1,689	1,837	1,969	2,103	1,812	1,837	1,872	98.13	94.25
June	2,712	2,504	2,387	2,474	2,689	2,998	3,124	2,692	2,605	103.34	138.12
July	2,845	2,827	2,761	2,767	2,955	3,259	2,980	2,905	2,903	100.07	149.05
August	2,642	2,627	2,691	2,660	2,714	2,954	2,904	2,750	2,740	100.36	141.10
September	2,543	2,373	2,269	2,427	2,450	2,790	2,550	2,482	2,459	96.99	127.35
October	2,190	1,924	1,853	1,973	2,124	2,411	2,178	2,101	2,072	101.40	107.80
November	2,045	1,643	1,763	2,010	1,731	1,929	1,856	1,860	1,815	102.48	95.43
December	1,562	1,587	1,494	1,532	1,335	1,582	1,621	1,531	1,510	101.39	78.55
Daily average for year	1,941	1,851	1,821	1,907	1,951	2,162	2,002	1,949	1,940	100.46	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-30

ROUTE I-90 West of Superior

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				Under	Construction								
1962	1,487	362	24.3	320	21.5	307	20.6	302	30.3	297	20.0	292	19.6
1963	1,511	256	16.9	227	15.0	216	14.3	209	13.8	205	13.6	202	13.4
1964	1,643	315	19.2	244	14.9	236	14.5	231	14.1	223	13.6	220	13.4
1965	1,669	288	17.3	241	14.4	233	14.0	227	13.6	225	13.5	223	13.4
1966	1,822	313	17.2	272	14.9	257	14.1	253	13.9	249	13.7	243	13.3
1967	1,601	289	18.1	212	13.2	196	12.2	192	12.0	187	11.7	183	11.4
1968	1,854	300	16.2	261	14.1	247	13.3	242	13.1	238	12.8	233	12.6
1969	1,949	285	14.6	264	13.5	252	12.9	246	12.6	241	12.4	232	11.9
1970													
Average	1,692	301	17.8	255	15.1	243	14.4	238	14.1	233	13.8	229	13.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31 YEAR 1969

LOCATION I-94 7.8 Miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	868	851	891	817	953	1,020	884	901	909	99.12	50.39
February	1,166	1,091	1,101	1,106	1,225	1,243	1,076	1,144	1,153	99.22	63.98
March	1,409	1,235	1,265	1,319	1,326	1,459	1,344	1,336	1,317	101.44	74.72
April	1,690	1,564	1,484	1,434	1,532	1,780	1,534	1,566	1,550	101.03	87.58
May	1,799	1,570	1,584	1,576	1,728	1,872	1,749	1,705	1,678	101.61	95.36
June	2,786	2,417	2,340	2,385	2,425	2,669	2,663	2,531	2,446	103.48	141.56
July	2,771	2,686	2,672	2,598	2,720	2,797	2,618	2,691	2,690	100.04	150.50
August	2,612	2,758	2,715	2,653	2,774	2,981	2,746	2,751	2,786	98.74	153.86
September	2,115	2,029	2,027	2,012	2,048	2,320	2,083	2,086	2,082	100.19	116.67
October	1,810	1.634	1.743	1,790	1,870	2,056	1,767	1,819	1,830	99.40	101.73
November	1,664	1,495	1,623	1,482	1,561	1,729	1,494	1,578	1,578	100.00	88.26
December	1,299	1,263	1,324	1,313	1,296	1,487	1,464	1,348	1,336	100.90	75.39
Daily average for year	1,832	1,716	1,731	1,737	1,788	1,951	1,785	1,788	1,780	100.45	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-31

ROUTE I-94 West of Miles City

TRAFFIC TYPE Interstate-Foreign
Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963	1,655	213	12.9	198	12.0	186	11.4	187	11.3	184	11.1	183	11.0
1964	1,643	256	15.6	210	12.8	203	12.4	199	12.1	196	11.9	193	11.7
1965	1,652	261	15.8	210	12.7	202	12.2	197	11.9	193	11.7	190	11.5
1966	1,739	251	14.4	220	12.7	213	12.2	207	11.9	203	11.7	201	11.6
1967	1,766	245	13.9	233	13.2	217	12.3	212	12.0	210	11.9	207	11.7
1968	1,802	267	14.8	234	13.0	227	12.6	222	12.3	215	11.9	212	11.8
1969	1,788	299	16.7	234	13.1	228	12.8	222	12.4	218	12.2	216	12.1
1970													
Average	1,721	256	14.9	220	12.8	211	12.3	207	12.0	203	11.8	200	11.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32 YEAR 1969

LOCATION On 25th. Street North Between 4th. and 5th. Avenue Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3,692	5,737	5,485	5,201	5,743	6,175	6,170	5,482	5,673	96.63	94.80
February	4,404	5,965	6,080	6,088	6,505	7,197	6,491	6,104	6,367	95.87	105.56
March	4,934	6,689	6,554	6,631	6,861	7,192	7,130	6,539	6,781	96.43	113.08
April	5,073	6,191	6,593	6,313	6,438	6,648	6,729	6,298	6,442	97.76	108.91
May	5,251	6,481	6,249	6,572	6,900	6,812	6,831	6,482	6,626	97.83	112.09
June	5,183	7,033	7,428	6,461	6,737	7,194	6,825	6,655	6,974	95.43	115.08
July	3,934	6,001	6,023	5,244	5,490	5,337	5,318	5,358	5,613	95.46	92.66
August	3,718	3,795	4,062	4,412	4,680	4,746	4,274	4,253	4,376	97.19	73.55
September	4,573	5,448	5,963	6,402	6,409	6,518	5,976	5,886	6,108	96.37	101.79
October	4,519	6,079	6,027	5,684	6,009	6,602	6,487	5,933	6,083	97.53	102.60
November	3,701	5,286	5,215	5,381	4,767	5,761	5,385	5,035	5,282	95.32	87.07
December	4,237	5,484	5,363	5,117	5,470	5,814	6,049	5,367	5,445	98.57	92.81
Daily average for year	4,685	5,849	5,920	5,792	6,001	6,333	6,139	5,783	5,981	96.69	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-32

ROUTE 25th. Street N. in Great Falls

TRAFFIC TYPE City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963	4,767	659	13.8	579	12.1	559	11.7	546	11.5	543	11.4	535	11.2
1964	4,883	717	14.7	621	12.7	572	11.7	563	11.5	559	11.4	552	11.3
1965	5,314	725	13.6	598	11.3	584	11.0	573	10.8	567	10.7	560	10.5
1966	4,960	716	14.4	575	11.6	546	11.0	534	10.8	529	10.7	526	10.6
1967	4,883	635	13.0	553	11.3	538	11.0	528	10.8	521	10.7	514	10.5
1968	5,002	653	13.1	589	11.8	564	11.3	551	11.0	543	10.9	529	10.6
1969	5,783	694	12.0	672	11.6	659	11.4	642	11.1	633	10.9	624	10.8
1970													
Average	5,085	686	13.5	598	11.8	575	11.3	562	11.1	556	10.9	549	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33 YEAR 1969

LOCATION On 10th. Avenue South Between 9th & 10th. St. Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	11,856	17,836	17,150	15,766	17,828	19,710	18,214	16,914	17,568	96.28	72.99
February	15,804	20,710	19,732	19,757	20,975	23,590	21,921	20,474	21,118	96.95	88.36
March	17,756	22,913	22,374	22,577	23,136	24,720	23,913	22,441	23,206	96.70	96.85
April	18,863	23,993	22,909	23,651	24,327	26,288	24,585	23,552	24,217	97.25	101.64
May	19,994	24,306	23,302	24,153	25,462	25,775	24,862	24,113	24,692	97.66	104.06
June	19,982	27,302	26,048	25,204	25,857	28,606	25,940	25,435	26,636	95.49	109.77
July	19,258	26,451	26,844	26,555	27,716	25,644	24,129	25,403	26,693	95.17	109.63
August	20,348	26,558	25,649	25,939	26,448	28,741	25,580	25,561	26,797	95.39	110.31
September	19,683	25,477	24,790	24,945	26,176	27,670	25,587	24,906	25,732	96.79	107.48
October	17,323	23,477	23,087	23,538	25,336	26,874	24,075	23,567	24,565	95.94	101.71
November	18,027	24,133	23,193	23,672	21,230	26,404	24,494	22,904	23,726	96.54	98.84
December	17,059	24,229	23,767	23,662	21,230	25,519	23,253	22,791	23,708	96.13	98.36
Daily average for year	17,996	23,949	23,237	23,285	23,765	25,795	23,879	23,172	24,055	96.33	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-33

ROUTE 10th. Ave. So. in Great Falls

TRAFFIC TYPE Primary-Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	23,096	2,488	10.8	2,375	10.3	2.296	9.9	2,248	9.7	2,211	9.6	2,185	9.5
1966	22,752	2,296	10.1	2,199	9.7	2,174	9.6	2,123	9.3	2,100	9.2	2,074	9.1
1967	22,079	2,365	10.7	2,233	10.1	2,181	9.9	2,154	9.8	2,138	9.7	2,107	9.5
1968	22,172	2,370	10.7	2,195	.9.9	2,096	9.5	2,073	9.4	2,066	9.3	2,055	9.3
1969	23,172	2,593	11.2	2,373	10.2	2,318	10.0	2,289	9.9	2,268	9.8	2,248	9.7
1970													
Average	22,654	2,422	10.7	2,275	10.0	2,213	9.8	2,177	9.6	2,157	9.5	2,134	9.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1969

LOCATION U.S. 12 0.6 Miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 27.2 % Foreign Pass Cars 25.9 % Pickups 18.6 % Commercial 28.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	83	106	96	101	94	112	93	98	102	96.08	40.57
February	160	147	162	162	159	196	125	158	164	96.34	65.40
March	164	143	170	181	165	194	150	165	169	97.63	68.30
April	214	222	174	202	242	271	198	216	219	98.63	89.41
May	235	221	208	227	250	268	260	240	237	101.27	99.34
June	370	290	306	278	328	370	348	327	313	104.47	135.36
July	355	321	315	328	345	360	334	338	335	100.90	139.91
August	335	336	334	331	329	363	334	338	340	99.41	139.91
September	320	299	302	277	287	353	306	306	303	100.99	126.67
October	358	280	265	266	278	326	273	292	284	102.82	120.87
November	259	216	242	247	217	256	236	240	236	101.69	99.34
December	165	204	183	180	176	205	150	181	190	95.26	74.92
Daily average for year	252	232	230	232	239	273	234	242	241	100.41	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-34

ROUTE U.S. 12 West of Ingomar

TRAFFIC TYPE Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	299	63	21.1	53	17.7	50	16.7	48	16.1	47	15.7	45	15.1
1966	306	70	22.9	54	17.6	52	17.0	48	15.7	47	15.4	45	14.7
1967	252	58	23.0	44	17.5	41	16.3	38	15.1	38	15.1	37	14.7
1968	257	67	26.1	52	20.2	47	18.3	44	17.1	42	16.3	41	16.0
1969	242	50	20.7	42	17.4	40	16.5	39	16.1	38	15.7	36	14.9
1970													
Average	271	62	22.9	49	18.1	46	17.0	43	15.9	42	15.5	41	15.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35 YEAR 1969

LOCATION I-90 Frontage Road 11 Miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	199	209	208	206	213	233	245	216	214	189.47	79.51
February	255	241	236	223	226	265	266	245	238	102.94	90.18
March	321	242	255	242	266	255	311	272	251	108.37	100.12
April	344	257	254	254	246	278	302	275	257	107.00	101.23
May	295	257	264	269	268	264	297	274	265	103.40	100.86
June	332	345	335	341	364	372	356	349	351	99.43	128.47
July											
August	333	404	388	366	371	388	361	372	384	96.88	136.93
September	345	322	307	325	335	356	330	330	328	100.61	121.47
October	302	312	298	320	315	327	340	317	315	100.63	116.69
November	303	288	297	308	291	324	318	305	302	100.99	112.27
December	297	324	294	298	296	307	326	305	303	100.66	112.27
Daily average for year	302	291	285	287	290	306	314	296	292	101.37	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-35

ROUTE Turah Interstate Frontage

TRAFFIC TYPE Frontage - Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	166	41	24.7	31	18.7	28	16.9	27	16.3	26	15.7	25	15.1
1966	214	45	21.0	34	15.9	32	15.0	31	14.5	29	13.6	29	13.6
1967	266	54	20.3	40	15.0	38	14.3	37	13.9	36	13.5	36	13.5
1968	288	82	28.5	46	16.0	40	13.9	39	13.5	37	12.8	36	12.5
1969	296	52	17.6	42	14.2	41	13.9	40	13.5	39	13.2	38	12.8
1970													
Average	246	55	22.4	39	15.9	36	14.6	35	14.2	33	13.4	33	13.4

* Average for 11 months.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36 YEAR 1969

LOCATION U.S. 2 0.5 Miles West of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.2 % Foreign Pass Cars 17.3 % Pickups 21.1 % Commercial 11.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	253	317	306	350	366	342	389	334	338	98.82	33.76
February	499	379	464	452	433	498	423	450	445	101.12	45.49
March	770	535	560	556	503	595	600	593	549	108.01	59.94
April	1,111	726	658	659	683	847	794	774	709	109.17	78.23
May	1,460	817	880	919	921	1,149	1,114	1,039	945	109.59	105.02
June	1,962	1,385	1,484	1,443	1,359	1,447	1,451	1,519	1,427	106.45	153.54
July	2,388	1,883	1,747	1,733	1,955	2,324	2,295	2,044	1,941	105.31	206.60
August	1,739	1,807	1,779	1,674	1,652	1,517	1,810	1,715	1,686	101.72	173.35
September	1,356	972	966	1,035	1,043	1,138	1,190	1,096	1,031	106.30	110.78
October	986	778	769	835	806	901	939	858	822	104.38	86.73
November	918	697	721	746	667	823	804	774	731	105.88	78.23
December	830	650	646	676	562	676	712	676	643	105.13	68.33
Daily average for year	1,189	912	915	923	913	1,021	1,043	989	939	105.32	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-36

ROUTE U.S. 2 West of Browning

TRAFFIC TYPE Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966	904	231	25.6	193	21.3	174	19.2	168	18.6	165	18.3	161	17.8
1967	967	232	24.0	198	20.5	185	19.1	179	18.5	174	18.0	169	17.5
1968	999	360	36.0	293	29.3	227	22.7	202	20.2	196	19.6	186	18.6
1969	989	361	36.5	269	27.2	222	22.4	199	20.1	185	18.7	171	17.3
1970													
Average	965	296	30.7	238	24.7	202	20.9	187	19.4	180	18.7	172	17.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1969

LOCATION South of Orange St. Bridge Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	6,306	10,997	10,581	9,727	10,913	11,966	10,010	10,149	10,841	93.62	87.90
February	6,901	11,169	11,105	10,631	10,876	12,177	10,380	10,463	11,191	93.54	90.62
March	7,394	12,067	11,602	11,436	11,315	12,502	11,213	10,984	11,784	93.21	95.14
April	8,242	12,682	12,457	12,196	12,464	13,735	11,746	11,958	12,672	94.37	103.57
May	8,485	13,096	12,658	12,906	13,618	13,268	11,732	12,312	13,139	93.71	106.64
June	8,214	13,500	13,058	12,769	12,957	14,165	11,363	12,207	13,319	91.65	105.73
July	7,667	13,380	12,882	12,861	12,932	11,507	10,006	11,746	12,758	92.07	101.74
August	7,774	13,352	12,884	12,731	12,986	13,898	10,898	11,957	13,205	90.55	103.56
September	7,961	11,647	12,571	12,317	12,762	13,972	11,394	11,824	12,604	93.81	102.41
October	7,815	12,548	12,198	12,144	12,476	13,876	11,675	11,917	12,672	94.04	102.22
November	7,687	12,613	12,063	12,338	10,738	13,509	11,050	11,291	12,252	92.16	97.80
December	7,621	13,276	12,673	12,468	10,779	13,345	11,204	11,738	12,547	93.55	101.67
Daily average for year	7,672	11,476	12,228	12,044	12,068	13,168	11,056	11,546	12,415	93.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-37

ROUTE Orange Street Bridge

TRAFFIC TYPE Urban & City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966	11,701	1,418	12.1	1,347	11.5	1,318	11.3	1,296	11.1	1,273	10.9	1,259	10.8
1967	11,519	1,351	11.7	1,225	10.6	1,198	10.4	1,178	10.2	1,170	10.2	1,159	10.1
1968	11,609	1,355	11.7	1,274	11.0	1,233	10.6	1,207	10.4	1,198	10.3	1,179	10.2
1969	11,546	1,306	11.3	1,244	10.8	1,217	10.5	1,200	10.4	1,190	10.3	1,180	10.2
1970													
Average	11,594	1,358	11.7	1,273	11.0	1,242	10.7	1,220	10.5	1,208	10.4	1,194	10.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38 YEAR 1969

LOCATION Montana 20 1.0 Mile West of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.7 % Foreign Pass Cars 9.3 % Pickups 32.3 % Commercial 15.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	174	202	204	151	199	238	178	192	198	96.97	48.06
February	182	215	214	247	225	280	170	219	236	92.80	54.82
March	208	223	215	210	236	274	209	224	231	96.97	56.07
April	331	359	303	318	320	351	309	327	329	99.39	81.85
May	368	376	339	343	335	408	325	356	361	98.61	89.11
June	566	555	478	456	495	584	554	533	521	102.30	133.41
July	619	577	564	578	628	638	581	598	598	100.00	149.69
August	576	610	544	581	559	668	639	600	596	100.67	150.19
September	431	532	497	546	529	597	501	519	538	96.47	129.91
October	432	490	439	458	476	543	438	470	483	80.62	117.65
November	412	395	404	473	374	422	393	410	414	99.03	102.63
December	279	370	345	360	313	406	340	346	359	96.38	86.61
Daily average for year	382	409	379	393	391	451	386	400	405	98.77	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-38

ROUTE Mont. 20 West of Jordan

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967	330	76	23.0	61	18.5	59	17.9	55	16.7	53	16.1	51	15.5
1968	370	79	21.4	61	16.5	58	15.7	55	14.9	53	14.3	52	14.1
1969	400	74	18.5	65	16.3	62	15.5	59	14.8	57	14.3	56	14.0
1970													
Average	367	76	20.7	62	16.9	60	16.3	56	15.3	54	14.7	53	14.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39 YEAR 1969

LOCATION U.S. 89 0.5 Mile North of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 35.4 % Foreign Pass Cars 32.1 % Pickups 20.1 % Commercial 12.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	112	120	128	113	124	126	147	124	122	101.64	28.38
February	137	161	150	143	151	169	131	149	155	96.13	34.10
March	209	168	193	181	171	204	195	189	183	103.28	43.25
April	352	244	254	236	263	266	263	267	252	105.95	61.10
May	514	347	316	328	331	407	452	386	348	110.92	88.33
June	862	671	629	614	576	583	705	672	620	108.39	153.77
July	1,169	1,040	962	983	969	1,062	1,102	1,034	999	103.50	236.61
August	1,127	1,008	1,004	964	941	1,004	1,029	1,015	985	103.05	232.26
September	608	559	530	552	522	576	572	559	547	102.19	127.92
October	387	280	267	316	337	314	305	316	305	103.61	72.31
November	351	258	258	280	245	290	326	290	266	109.02	66.36
December	232	220	246	251	242	256	257	243	242	100.41	55.61
Daily average for year	505	423	411	413	406	438	457	437	419	104.30	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-39

ROUTE U.S. 89 North of Dupuyer

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967	443	211	47.6	126	28.4	113	25.5	108	24.4	106	23.9	103	23.3
1968	428	133	31.1	111	25.9	107	15.0	103	24.1	101	23.6	100	23.4
1969	437	135	30.9	118	27.0	113	15.9	109	24.9	106	24.3	104	23.8
1970													
Average	436	160	36.7	118	27.1	111	25.5	107	24.5	104	23.9	102	23.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1969

LOCATION Wolf Creek Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	40	33	39	36	35	40	44	38	37	102.70	33.88
February	118	98	60	72	59	133	108	97	91	106.59	86.48
March	222	112	117	111	76	88	157	130	101	128.71	115.90
April	252	103	86	84	104	90	158	122	92	124.49	108.76
May											
June	298	125	126	111	106	135	218	163	121	134.71	145.32
July	346	142	149	147	168	240	299	207	167	123.95	184.55
August	356	157	134	124	162	163	237	196	149	131.54	174.74
September	175	134	94	110	88	88	147	119	104	114.42	106.09
October	123	74	90	90	133	90	117	105	100	105.00	93.61
November	159	98	84	71	76	91	129	104	84	123.81	92.72
December	72	71	61	59	61	60	73	65	63	103.17	57.95
Daily average for year	196	104	95	92	97	111	153	122	101	120.79	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-40

ROUTE Wolf Creek-Frontage Road

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968	110	55	50.0	42	38.2	39	35.5	36	32.7	34	30.9	32	29.1
1969	122	71	58.2	45	36.9	39	32.0	37	30.3	35	28.7	34	27.9
1970													
Average	116	63	54.3	44	37.9	39	33.6	37	31.9	35	30.2	33	28.4

* Average for 11 months.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41 YEAR 1969

LOCATION I-90 East of Livingston

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cors 43.3 % Foreign Pass Cors 30.0 % Pickups 12.6 % Commercial 14.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,365	1,059	1,032	996	1,240	1,467	1,323	1,214	1,169	103.85	48.34
February	1,767	1,407	1,322	1,358	1,449	1,866	1,583	1,536	1,480	103.78	61.17
March	2,459	1,613	1,585	1,661	1,858	2,237	2,147	1,950	1,782	109.43	77.66
April	2,677	2,090	1,829	1,891	2,076	2,569	2,226	2,187	2,091	104.59	87.10
May	3,031	2,089	2,035	2,230	2,725	3,021	2,666	2,565	2,458	104.35	102.15
June	4,302	3,271	3,082	3,233	3,262	3,906	3,997	3,593	3,347	107.35	143.10
July	4,121	3,538	3,399	3,491	3,720	4,094	3,720	3,708	3,634	102.04	147.68
August	4,110	3,705	3,676	3,635	3,771	4,176	4,172	3,917	3,811	102.78	156.00
September	3,495	2,858	2,574	2,731	2,772	3,243	3,150	2,957	2,825	104.67	117.77
October	2,803	2,092	2,005	2,223	2,341	2,931	2,603	2,435	2,342	103.97	96.98
November	2,726	1,800	2,237	2,176	1,927	2,335	2,317	2,237	2,095	106.78	89.09
December	1,943	1,691	1,711	1,784	1,606	2,108	2,060	1,832	1,773	103.33	72.96
Daily average for year	2,900	2,268	2,207	2,284	2,396	2,829	2,619	2,511	2,401	104.58	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-41

ROUTE I-90 & U.S. 10 East of Livingston

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968	2,664	389	14.6	362	13.6	338	12.7	322	12.1	311	11.7	304	11.4
1969	2,511	418	16.6	375	14.9	359	14.3	348	13.9	337	13.4	333	13.3
1970													
Average	2,588	404	15.6	369	14.3	349	13.5	335	12.9	324	12.5	319	12.3

* Average for 6 months.